

REMARKS

SUMMARY:

The subject application sets forth claims 2-20, of which claims 3, 6, 11 and 16 are independent claims. Previous claims 2-5 and 11-20 stand rejected under 35 U.S.C. §103(a) as being unpatentable over U.S. Patent No. 5,375,234 (Davidson et al.) in view of U.S. Patent No. 5,463,769 (Tate et al.) and U.S. Patent No. 5,448,726 (Cramsie et al.). Previous claims 6-10 stand rejected 35 U.S.C. §103(a) as being unpatentable over Davidson et al. in view of Tate et al. and U.S. Patent No. 6,032,198 (Fujii et al.) The above prior art rejections are respectfully traversed based on the following remarks. Claims 3, 6, 11, and 16 are independent claims, after amendment herewith.

CLAIMS 2-5 and 6-10:

Previous claims 2-5 stand rejected under 35 U.S.C. §103(a) as being unpatentable over Davidson et al. in view of Tate et al. and Cramsie et al. Previous claims 6-10 stand rejected under 35 U.S.C. §103(a) as being unpatentable over Davidson et al. in view of Tate et al. and Fujii et al. Based on the present amendments and the following remarks, Applicants respectfully traverse such alleged obviousness, and request reconsideration of claims 2-10 as presently amended.

Previous claim 6 and currently amended claim 3 are directed to respective methods and systems for providing dynamic definition of an application object in a component framework environment, including in part a step of providing a plurality of application dictionaries that contain information about an application object, wherein one application dictionary is provided for each client component and each server component in the component framework. As set forth in the present application (see pg. 4 line 16 – pg. 5, line 2), component pertinent information in the dictionary(-ies) concern information that allows a component to communicate with other components (i.e., a list of used foreign components, and their names). In this way, a component can bind to required foreign components, for example, to acquire a link to the factory in the external component or to invoke their services. Such communication is facilitated by providing application dictionaries in both client component and server component

locations.

The January 12, 2005 Office Action correctly notes that the above feature is not disclosed singularly or in combination of the Davidson et al. and Tate et al. references. In attempt to cure such deficiencies, the Office Action further cites the disclosure of Fujii et al. The Office Action alleges that Fujii et al. discloses application dictionaries wherein each client/server component (compared to the application and program elements of Fujii et al.) is provided with its own application dictionary.

Applicants respectfully submit that the above characterization of Fujii et al. is inaccurate. Fujii et al. discloses the use of an interface dictionary 110 and a data item dictionary 111 stored in repository 109, but these dictionary features are provided as a single resource available for storing information regarding multiple applications. More particularly, col. 2, lines 53-60 of Fujii et al. discloses that an editing apparatus may have the function of storing the defined contents of the structure of applications and the logical relation between applications and the defined contents of the interfaces of applications into a [single] repository. Further, col. 4, lines 10-20 of Fujii et al. establish that data items such as date and name used by a plurality of applications are registered in the data item dictionary 111. As such, Fujii et al. discloses a single data item dictionary that is employed for storage of information related to a plurality of different applications. The technology set forth in respective claims 2 and 6 require a plurality of dictionaries, with one for each client and server component. This is different than the arrangement disclosed in Fujii et al.

Based on the above distinctions, Davidson et al., Tate et al. and Fujii et al. fail to disclose singularly or in combination all elements of present claims 3 and 6, particularly providing a plurality of application dictionaries, one for each client and server component in a component framework environment. Therefore, such references cannot by law serve as a basis for unpatentability of present claims 3 and 6, and Applicants respectfully solicit acknowledgement of same. Furthermore, since present claims 2, 4-5 and 7-10 variously depend from otherwise allowable present claims 3 and 6 and further limit same, claims 2, 4-5 and 7-10 should also be allowed.

CLAIMS 11-15 and 16-20:

Previous claims 11-20 stand rejected under 35 U.S.C. §103(a) as being unpatentable over Davidson et al. in view of Tate et al. and in view of Cramsie et al. Based on the present amendments and the following remarks, Applicants respectfully traverse such alleged obviousness, and request reconsideration of present claims 11-20.

Present claims 11 and 16 are directed to a respective computer readable medium and system for providing dynamic definition of an application object, including in part features for providing an application dictionary that contains information about the application object and including component pertinent information that allows a component to communicate with other components. As set forth in the present application (see pg. 4 line 16 – pg. 5, line 2), component pertinent information in the dictionary(-ies) concern information that allows a component to communicate with other components (i.e., a list of used foreign components, and their names). In this way, a component can bind to required foreign components, for example, to acquire a link to the factory in the external component or to invoke their services.

The above feature now incorporated into present claims 11 and 16 is not disclosed singularly or in combination of the Davidson et al., Tate et al. and Cramsie et al. references. Therefore, such references cannot by law serve as a basis for unpatentability of present claims 11 and 16, and Applicants respectfully request acknowledgement of same. Furthermore, since present claims 12-15 and 17-20 variously depend from otherwise allowable present claims 11 and 16 and further limit same, claims 12-15 and 17-20 should also be allowed.

CONCLUSION:

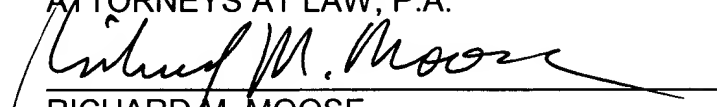
In light of the foregoing amendments and for at last the reasons set forth above, Applicant respectfully submits that the present application, including claims 2-20 (of which, claims 3, 6, 11, and 16 are independent claims), is in complete condition for issuance of a formal Notice of Allowance, and action to such effect is earnestly

solicited. The Examiner is invited to telephone the undersigned at his convenience should only minor issues remain after consideration of this response in order to permit early resolution of same.

Respectfully submitted,

DORITY & MANNING,
ATTORNEYS AT LAW, P.A.

Date: May 12, 2005



RICHARD M. MOOSE
Reg. No.: 31,226
Customer ID No.: 22827
Telephone: (864) 271-1592
Facsimile: (864) 233-7342